Abstract

A system and method for managing data traffic through a path
that includes a transmission link having a transport rate
that is subject to change with time. In one embodiment the
data traffic is shaped to ATM Forum's available bit rate
(ABR) category of service. ABR traffic has an integrated
resource management (RM) cell that returns congestion
related information to the source over a feedback path. With
this congestion information the source end point is able to
tailor its traffic send or transmission rate in order to
accommodate or take advantage of any change in transport
rate encountered by the traffic due to dynamically changing
rate over the transmission link.